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| FORM PTO-1390 DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE<br>(REV 11-2000)   |  | ATTORNEY'S DOCKET NO.<br><b>851663.429USPC</b>                       |
| <b>TRANSMITTAL LETTER TO THE UNITED STATES<br/>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br/>CONCERNING A FILING UNDER 35 U.S.C. 371</b>   |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>09/857,120</b> |
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| INTERNATIONAL APPLICATION NO.<br><b>PCT/SG98/00098</b>  | INTERNATIONAL FILING DATE<br><b>December 2, 1998</b> | PRIORITY DATE CLAIMED<br><b>December 2, 1998</b>                     |
| TITLE OF INVENTION<br><b>FIXED-POINT MULTIPLICATION FOR ADPCM SPEECH CODER</b>  |  |  |
| APPLICANT(S) FOR DO/EO/US<br><b>Foo Yuen Leong</b>  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:   |  |  |
| <ol style="list-style-type: none"> <li><input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li><input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> A English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> |  |  |
| <b>Items 11 to 20 below concern document(s) or information included:</b>  |  |  |
| <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input type="checkbox"/> A FIRST preliminary amendment.</li> <li><input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4)</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> Other items of information:</li> </ol>  |  |  |

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| U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br>09/857,120   |              | PCT/SG98/00098 |            | ATTORNEY'S DOCKET NUMBER<br>851663.429USPC |  |
| 21. <input checked="" type="checkbox"/> The following fees are submitted:<br><b>Basic International Fee (37 CFR 1.492(a)(1)-(5)):</b><br><br>Neither international preliminary examination fee (37 CFR 1.482)<br>nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO<br>and International Search Report not prepared by the EPO or JPO ..... \$1000.00<br><br>International preliminary examination fee (37 CFR 1.482) not paid to<br>USPTO but International Search Report prepared by the EPO or JPO ..... \$860.00<br><br>International preliminary examination fee (37 CFR 1.482) not paid to USPTO<br>but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$710.00<br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO<br>but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... \$690.00<br><br>International preliminary examination fee (37 CFR 1.482) paid to USPTO<br>and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00<br><br><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> |              |                |            | <b>CALCULATIONS</b><br><u>PTO USE ONLY</u> |  |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months<br>from the earliest claimed priority date (37 CFR 1.492(e)).  |              |                |            | Fee was paid upon<br>First Submission      |  |
| Claims  | Number Filed | Number Extra   | Rate       |  |  |
| Total Claims  | - 20 =       |                | x \$ 18.00 | \$ .00                                     |  |
| Independent Claims  | - 3 =        |                | x \$ 80.00 | \$ .00                                     |  |
| Multiple dependent claim(s) (if applicable)   |              |                | + \$270.00 | \$ .00                                     |  |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |                |            | \$ .00                                     |  |
| <input type="checkbox"/> Applicant claims small entity status: See 37 CFR 1.27. The fees indicated above are<br>reduced by 1/2.   |              |                |            | \$ .00                                     |  |
| <b>SUBTOTAL =</b>   |              |                |            | \$ .00                                     |  |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30<br>months from the earliest claimed priority date (37 CFR 1.492(f)).   |              |                |            | \$ .00                                     |  |
| <b>TOTAL NATIONAL FEE =</b>   |              |                |            | \$ .00                                     |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be<br>accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property   |              |                |            | \$ .00                                     |  |
| Fee for extension of time to respond to Notification of Missing Requirements (37 CFR 1.136(a)).<br>Form PCT/SB/22 included.   |              |                |            | \$ .00                                     |  |
| <b>TOTAL FEES ENCLOSED =</b>  |              |                |            | \$ .00                                     |  |
|   |              |                |            | Amount to be refunded:                     |  |
|   |              |                |            | charged                                    |  |
| a. <input type="checkbox"/> A check in the amount of \$ <u>00</u> cover the above fees is enclosed.   |              |                |            |  |  |
| b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$_____ to cover the above fees. A<br>duplicate copy of this sheet is enclosed.   |              |                |            |  |  |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any<br>overpayment to Deposit Account No. <b>19-1090</b> . A duplicate copy of this sheet is enclosed.  |              |                |            |  |  |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card<br>information should not be included on this form. Provide credit card information and authorization on PTO-2038.  |              |                |            |  |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR<br>1.137(a) or (b)) must be filed and granted to restore the application to pending status.  |              |                |            |  |  |
| SEND ALL CORRESPONDENCE TO:   |              |                |            |  |  |
| Michael J. Donohue<br>Seed Intellectual Property Law Group PLLC<br>701 5 <sup>th</sup> Avenue, Suite 6300<br>Seattle, WA 98104-7092<br>United States of America<br>(206) 622-4900   |              |                |            |  |  |
| SIGNATURE <u>Michael J. Donohue</u>   |              |                |            |  |  |
| NAME <u>Michael J. Donohue</u>  |              |                |            |  |  |
| REGISTRATION NUMBER <u>35,859</u>   |              |                |            |  |  |